

International Journal of **MATHEMATICAL EDUCATION**

IN
SCIENCE and TECHNOLOGY

Volume 4, 1973

Editors

Professor A. C. Bajpai, CAMET (Centre for Advancement of Mathematical Education in Technology), University of Technology, Loughborough, Leicestershire, U.K.

Professor W. T. Martin, Department of Mathematics, Massachusetts Institute of Technology, Cambridge, Massachusetts 02139, U.S.A.

Assistant Editor

Dr. D. Walker, CAMET, University of Technology, Loughborough, Leicestershire, U.K.

Advisory Editorial Board

Dr. S. Avital

Teacher Training Department, Technion City, Israel
Institute of Technology, Haifa, Israel.

Professor P. L. Bhatnagar

Dean of Studies, Department of Mathematics, Himachal Pradesh University, Simla, India.

Professor A. L. Blakers

Professor of Mathematics, The University of Western Australia, Nedlands, Australia.

Professor Z. P. Dienes

Centre de Recherches en Psycho-mathématique,
Sherbrooke University, Quebec, Canada.

Professor G. G. Hall

Shell Centre for Mathematical Education, Department of
Mathematics, University of Nottingham, Nottingham,
U.K.

Professor C. E. Hardgrove

Department of Mathematics, Northern Illinois University,
DeKalb, Illinois 60115, U.S.A.

Professor F. B. Hildebrand

Department of Mathematics, Room 2-248A, Massa-
chusetts Institute of Technology, Cambridge, Massa-
chusetts 02139, U.S.A.

Professor J. N. Kapur

Vice-Chancellor, Meerut University, India.

Professor L. Kieffer

Directeur du Collège d'Enseignement Moyen de Luxem-
bourg, Luxembourg.

Professor J. K. Knowles

Division of Engineering and Applied Science, California
Institute of Technology, Pasadena, California 91109,
U.S.A.

Professor G. Matthews

Centre for Science Education, University of London,
Bridges Place, London S.W.6, U.K.

Professor K. O. May

Department of Mathematics, University of Toronto,
Toronto 181, Canada.

Professor T. F. Mayer

Department of Sociology and Institute of Behavioral
Science, University of Colorado, Boulder, Colorado
80302, U.S.A.

Professor S. Moriguti

Department of Mathematical Engineering and Instru-
mentation Physics, Faculty of Engineering, University of
Tokyo, Bunkyo-ku, Tokyo, Japan.

Mr. J. E. Phythian

Mathematics Faculty, The Open University (North
West), Manchester, U.K.

Professor L. Råde

Department of Mathematics, Chalmers University of
Technology and University of Göteborg, S-40220
Göteborg 5, Sweden.

Professor H. H. Rosenbrock

Control Systems Centre, The University of Manchester
Institute of Science and Technology, Manchester, U.K.

Dr. J. L. Schwartz

Education Research Centre, Room 20C-120,
Massachusetts Institute of Technology, Cambridge,
Massachusetts 02139, U.S.A.

Professor D. W. Sida

Dean, St. Patrick's College, Carleton University,
Ottawa 1, Canada.

Professor H. G. Steiner

Universität Erlangen, Fakultät Bayreuth, D-858 Bayreuth,
Germany.



WILEY—INTERSCIENCE

A DIVISION OF JOHN WILEY & SONS LTD

London . New York . Sydney . Toronto

mission of the Copyright owner.